

What Is Claimed Is:

1. A method of preparing microparticles, comprising:

combining a first phase, comprising an active agent, a polymer, and a solvent, and a second phase in a first static mixer to form an emulsion, the emulsion forming an outflow of the first static mixer;

combining the outflow of the first static mixer and a first portion of a starting volume of an extraction liquid for extracting solvent from the emulsion in a manifold, wherein the manifold comprises a plurality of individual static mixers configured to form a plurality of parallel flow streams, each of the plurality of parallel flow streams comprising at least one of the plurality of individual static mixers; and

combining an outflow of the manifold with a second portion of the extraction liquid to extract solvent from the emulsion.

2. The method of claim 1, wherein the step of combining the outflow of the manifold with the second portion of the extraction liquid comprises:

allowing the outflow of the manifold to flow into a vessel containing the second portion of the extraction liquid.

3. The method of claim 1, wherein the step of combining the outflow of the manifold with the second portion of the extraction liquid comprises:

combining the outflow of the manifold and the second portion of the extraction liquid in a second static mixer.

4. The method of claim 3, further comprising:

allowing an outflow of the second static mixer to flow into a vessel.

5. The method of claim 1, wherein the step of combining the outflow of the manifold with the second portion of the extraction liquid comprises:

combining the outflow of the manifold and the second portion of the extraction liquid in a second static mixer and repeating this combining step until the starting volume of the extraction liquid is depleted.

6. The method of claim 4, further comprising:
continuing the step of combining the outflow of the manifold and the second portion of the extraction liquid in the second static mixer until the first phase is depleted;
and
transferring a remainder of the starting volume of the extraction liquid to the vessel.

7. Microparticles prepared by the method of claim 1.

8. The microparticles of claim 7, wherein the polymer is a poly(lactide-co-glycolide).